CONTENTS

Volume 35, Number 1, February 1993

INVITED PAPER

Recent advances in breast feeding
MW Woolridge et al. 1

ORIGINAL ARTICLES

Two color flow cytometric analysis of lymphocytes in HTLV-I carrier children
T Sato et al. 13

The *in vivo* and *in vitro* postantibiotic effect of aminoglycosides using a clinically isolated micro-organism
S Arai et al. 17

Growth and growth hormone secretion in children after bone marrow transplantation
O Shinohara et al. 22

Role of vagotony in sinus node dysfunction in children with symptomatic congenital long QT syndrome
S Matsuoka et al. 27

Management of colorectal polyps in children
A Nagasaki et al. 32

Steroid-free interval with anti-D in chronic idiopathic thrombocytopenic purpura
S Caglayan et al. 36

CASE REPORTS

Irradiated fetal thymus transplantation in a patient with combined immunodeficiency with predominant T cell defect
S Higuchi et al. 39

Peripheral expansion of γδT cell receptor-positive cells in a patient with Crohn's disease
T Hara et al. 45

Treatment of an infant with congenital sodium diarrhea by oral rehydration
T Kidowaki et al. 49

Inflammatory esophagogastric polyp and fold in an adolescent
S Kato et al. 53

Dilated cardiomyopathy in a patient receiving continuous ambulatory peritoneal dialysis
S Ohmoto et al. 57

Transient scoliosis in a child with juvenile rheumatoid arthritis
F Iwata et al. 60

An autopsied case of Williams syndrome complicated by moyamoya disease
M Kawai et al. 63

SHORT COMMUNICATIONS

Ultrasonographic evaluation of abdominal vessels in Kawasaki disease
S Nemoto et al. 68

Abnormal findings in the signal-averaged electrocardiogram in patients with Ebstein's anomaly
H Akita et al. 72

Acknowledgements 74

Announcements 76

Volume 35, Number 2, April 1993

INVITED PAPER

Children as urban citizens in the nurturing environment of the city
L Trackman 83

ORIGINAL ARTICLES

Polymerase chain reaction for diagnosis of infectious diseases
M Narita 89

Granulocyte elastase α_1-proteinase inhibitor complex measurement in very low birthweight infants with severe intraventricular hemorrhage
J Takasaki et al. 98

Increased type III/I collagen and $\alpha_1(I)/\alpha_2(I)$ chain in a bronchopulmonary dysplastic lung
H Togari et al. 101

Serum thyroid hormones and pituitary response to thyrotropin-releasing hormone in epileptic children receiving anti-epileptic medication
A Yüksel et al. 108

Normal levels of IgG subclass in childhood determined by a sensitive ELISA
H Hayashibara et al. 113

Serum anti-streptococcal IgA, IgG and IgM antibodies in IgA-associated diseases
K Nakatsuka 118

Recombinant human granulocyte colony-stimulating factor therapy for cyclic neutropenia associated with common variable immunodeficiency
M Tsuda et al. 124

Evaluation of proximal tubular function in preterm infants by urinary α_1-microglobulin
H Tsukahara et al. 127

A longitudinal study of blood pressure, cholesterol and left ventricular muscle volume in children: The Shimane Heart Study
K Abe et al. 130

A study of the hemoglobin levels in breast-fed infants in one village of Okinawa prefecture
T Hokama 138

CASE REPORTS

A case of congenital herpes zoster
K Kusuhara et al. 141

Moebius syndrome associated with pituitary dwarfism and hypoplastic optic disc
N Hashimoto et al. 144

Hypofibrinogenemia in a girl with Langerhans cell histiocytosis during etoposide and prednisolone therapy
T Miura et al. 148

Endoscopic ultrasonography in a child with chronic pancreatitis
S Kato et al. 151

Bile duct atresia following extended right hepatectomy because of a tumor
H Takehara et al. 154

A case of biliary stricture caused by cavernous transformation of the portal vein
H Takehara et al. 158

Announcements 162

Volume 35, Number 3, June 1993

FEATURE ARTICLES ON CHILDHOOD INJURIES IN JAPAN

Foreword: Childhood injuries in Japan
T Yamanaka 165

Definition and classification of childhood injuries
K Kaufer Christoffel 166

Injury surveillance in Australia
J Harrison and D Tyson 171

Childhood injuries in Japan
T Tanaka 179

Childhood drownings and near-drownings in Japan
R Mizuta et al. 186

Accidental poisoning of children in Japan: A report from the Japan Poison Information Center
K Goto et al. 193

Injuries of school-aged children in Japan: Causes and costs
T Yamanaka 201

Child traffic accident injuries in Japan
R Saito 207

Preventing accidents in childhood: A European perspective
WHJ Rogmans 215

Role of a children's hospital safety centre in injury control
L Hannah and T Nolan 223

ORIGINAL ARTICLES

Influence of long-term carbamazepine treatment on thyroid function
A Yüksel et al. 229

Respiratory syncytial virus infection in lower respiratory tract and asthma attack in hospitalized children in North Hokkaido, Japan
M Saijo et al. 233

Increased level/dose ratio of amphotericin-B in premature infants with renal failure
R Higuchi et al. 238

Echocardiographic findings in mild and severe forms of sickle cell anemia
Y Kilinç et al. 243

CASE REPORTS

A new and rare form of Williams' syndrome
A Akçoral et al. 247

Chronic hypomagnesemia and hypokalemia due to renal wasting in siblings
F Iwata et al. 252

A mild case of nesidioblastosis with a diagnostic and therapeutic difficulty
K Yasukura et al. 258

Thiamine-responsive megaloblastic anemia with diabetes mellitus and sensorineural deafness
A Akinci et al. 262

A case of urethral prolapse in a young girl
A Okada et al. 267

Announcements 269

Volume 35, Number 4, August 1993

ORIGINAL ARTICLES

The effect of nifedipine on monocrotaline-induced pulmonary hypertension in rats
M Inoue et al. 273

Cardiac artrial natriuretic peptide in monocrotaline-induced pulmonary hypertensive rats
T Ohie et al. 278

Radionuclide assessment of left ventricular performance on exercise after external conduit operation
K Suda et al. 283

Dipyridamole-provoked chest pain implies severe coronary artery disease in children
H Tomita et al. 289

Histopathologic and coronary angiographic assessment of effectiveness of aspirin or aspirin-and-gammaglobulin in Kawasaki disease
N Haneda and C Mori 294

Levels of serum ferritin and total body iron among infants with different feeding regimens
T Hokama 298

Serum liproprotein(a) in healthy Japanese children 5 years of age
T Ohji et al. 302

Etiology of 19 infants with apparent life-threatening events: Relationship between apnea and esophageal dysfunction
K Tsukada et al. 306

Evaluation of diagnostic criteria of acute renal failure in premature infants
Y Ishizaki et al. 311

Discriminant analysis of clinical tests in histologic diagnosis of renal disease
A Masutani et al. 316

Urinary arginine vasopressin (AVP) measurement in children: Water deprivation test incorporating urinary AVP
N Shimura 320

Prediction of engraftment after peripheral blood stem cell transplantation by CD34-positive cells in grafts
M Urashima et al. 325

Chronic ventilator-assisted children in university hospitals in Japan
Y Sakakihara et al. 332

CASE REPORTS

Partial trisomy for short arm of chromosome 5
K Yasutomo et al. 336

Calcification of basal ganglia in a patient with partial trisomy 5q and partial monosomy 18q
T Nakayama et al. 340

Varicella infection complicated with meningitis after immunization
H Naruse et al. 345

Varicella-zoster virus replication site in internal organs on an otherwise healthy child with varicella and sudden death
Y Asano et al. 348

Difficulty in removing a percutaneous central venous catheter inserted from a peripheral vein
T Morimoto et al. 352

Moyamoya disease associated with bilateral renal artery stenosis
T Nakano et al. 354

Megacystis and megacolon in an infant with Ehlers-Danlos syndrome
T Sato et al. 358

A long-term suppression by α-interferon of Philadelphia chromosome in children with chronic myelogenous leukemia
Y Kikawa et al. 361

Announcements 365

Volume 35, Number 5, October 1993

ORIGINAL ARTICLES

Assessment of body composition measured by bioelectrical impedance in children
K Iwata et al. 369

Screening for growth hormone deficiency using urinary growth hormone measurement
A Kubota et al. 373

Relapses after termination of therapy of acute lymphoblastic leukemia in children
M Ochocka et al. 377

Virological and serological studies on poliomyelitis in Karachi, Pakistan. I. Outbreaks in 1990–91
S Isomura et al. 382

Increased urinary excretion of human cytomegalovirus in children with malignancy: Detection by polymerase chain reaction
M Kajiwara et al. 387

Defective activity of Epstein-Barr virus (EBV) specific cytotoxic T lymphocytes in children with chronic active EBV infection and in their parents
M Fujieda et al. 394

Active immunization of children with leukemias and lymphomas against infection by hepatitis B virus
R Rokicka-Milewska et al. 400

Bone marrow transplantation for late infantile metachromatic leukodystrophy: Pathogenic investigation for graft rejection
T Nagai et al. 404

Asymptomatic Becker muscular dystrophy: Histological changes in biopsied muscles
N Tachi et al. 409

Estimation of myocardial damage in Kawasaki disease using antimyosin antibody
Y Nomura et al. 412

The increase of yellow skin colour beyond that of serum bilirubin: A proposed indicator of risk for bilirubin encephalopathy in the newborn
A Knudsen et al. 418

CASE REPORT

Stroke and meningitis in a case of SLE with anti-phospholipid antibodies
T Watanabe et al. 423

FEATURE ARTICLES: UPDATE PEDIATRIC RHEUMATOLOGY

Foreword: Update pediatric rheumatology
N Watanabe 426

Immunological aspects of juvenile rheumatoid arthritis
K Yoshino 427

A study of prognosis in 52 cases with juvenile rheumatoid arthritis
T Kobayashi et al. 439

Non-steroidal anti-inflammatory drugs and slow-acting anti-rheumatic drugs in juvenile rheumatoid arthritis
S Fujikawa 447

Quality of life and daily management of children with rheumatic disease
S Takei and M Hokonohara 454

Current issues in Kawasaki disease
H Kato et al. 464

Mixed connective tissue disease in childhood
S Yokota 472

Current topics in childhood lupus nephritis
H Tochimaru et al. 480

Announcements 488

Volume 35, Number 6, December 1993

INVITED PAPER

Congenital heart disease in the adult
LM Linde 491

ORIGINAL ARTICLES

Usefulness of a new perchloric acid treatment method to measure endotoxin in cerebrospinal fluid by the limulus test
H Suda et al. 496

Cord blood erythropoietin in the presence and absence of labor in normal infants
M Kalmanti et al. 500

Small bowel obstruction in children: Review of 10 years experience
H Ikeda et al. 504

Contribution of pulmonary hemodynamics on manifestation of allergic asthma in patients with congenital heart disease
S Matsuoka et al. 508

Echocardiographic evaluation of vagolytic effects of atropine sulfate during pediatric halothane anesthesia
H Horigome et al. 513

Medium-term results of percutaneous transluminal balloon aortic valvuloplasty with Inoue balloon catheter for congenital aortic stenosis
H Ozasa et al. 518

CASE REPORTS

Histopathologic evidence for cardiomyopathy in a child with mitral valve prolapse
T Nakada and S Yonesaka 525

Well-developed infant with hypoxic-ischemic encephalopathy associated with EEG burst suppression and subcortical leukohypodensity on CT scan
S Sugama et al. 529

Leukemoid reaction induced by prenatal administration of betamethasone
A Cohen et al. 534

RAPID COMMUNICATION

Natural history of Japanese children with chronic hepatitis B: Seroconversion from HBeAg to anti-HBe
A Kimura et al. 537

LETTER TO THE EDITOR

Measles without rash in an infant with pertussis
M Matsuo et al. 541

FEATURE ARTICLES: INTERNATIONAL COOPERATION OF JAPANESE PEDIATRICIANS

Foreword
T Kondo 542

International cooperation with Islamabad Children's Hospital, Pakistan: The JICA project
F Yamashita et al. 543

International cooperation of Japanese pediatricians with Cairo University Pediatric Hospital
T Okamatsu et al. 549

Infectious diseases in African children
H Hori et al. 553

Maternal and child health in Indonesia
A Okamoto 559

Ghana/JICA/WHO training course in polio diagnostic procedures and vaccine potency testing
T Kobayakawa 567

The joint JMA–JICA project in Nepal
T Kuratsuji 571

Pediatric and MCH training in Japan: JICA training program in the National Children's Hospital
M Nakano 576

JICWELS' MCH training program in the Aiiku Institute: Asian MCH workshop
M Hirayama et al. 579

Cooperative studies on diarrheal diseases
T Takeda et al. 583

Japan–Russia Pediatric Society
K Nihei et al. 591

Cooperative program for Asian pediatricians
Y Sakakihara and Y Nakamura 595

Commentary
N Kobayashi 599

Announcements 600

Author index 601

Subject index 604